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Translation

PATENT COOPERATION TREA



PCT

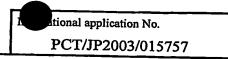
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P30907-P0	FOR FURTHER A	ACTION	See Form PCT/IPEA/416				
International application No. PCT/JP2003/015757	1	late (day/month/year) 003 (09.12.2003)	Priority date (day/month/year) 27 December 2002 (27.12.2002)				
International Patent Classification (IPC) or national classification and IPC H01M 2/34, 4/02, 10/40							
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.							
 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 							
2. This REPORT consists of a total of sheets, including this cover sheet.							
3. This report is also accompanied by A	· -	_					
a. X (sent to the applicant and	a. (sent to the applicant and to the International Bureau) a total of 3 sheets, as follows:						
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).							
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the							
Supplemental Box		4-4-1 - C (' 1' · ·					
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).							
4. This report contains indications relating to the following items:							
Box No. I Basis of the rep	port						
Box No. II Priority							
Box No. III Non-establishn	nent of opinion with re	egard to novelty, invent	ive step and industrial applicability				
Box No. IV Lack of unity o	·						
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
Box No. VI Certain documents cited							
Box No. VII Certain defects in the international application							
Box No. VIII Certain observations on the international application							
Date of submission of the demand		Date of completion o	f this report				
29 March 2004 (29.03.2004)		22 December 2004 (22.12.2004)					
Name and mailing address of the IPEA/JP		Authorized officer					
Facsimile No.		Telephone No.					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY



Box N	o. I	Basis of the report						
1. With	h regard	to the language, this report is based on the international application in the language in which it was filed, unless						
	This report is based on translations from the original language into the following language which is language of a translation furnished for the purpose of:							
Ì	international search (under Rules 12.3 and 23.1(b))							
1		publication of the international application (under Rule 12.4)						
	international preliminary examination (under Rules 55.2 and/or 55.3)							
		(2.1.2.2. 1.2.1.2.3.3.2 and 0.1.3.3)						
2. With furni	are not	I to the elements of the international application, this report is based on (replacement sheets which have been the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" annexed to this report):						
		escription:						
	pages							
	pages	, as originally filed/furnished						
l	pages'	received by this Authority on received by this Authority on						
	the cla							
	pages*							
1	pages	, as amended (together with any statement) under Article 19						
	pages*	13 September 2004 (13.09.2004)						
		received by this Authority on						
\boxtimes	the dra	awings:						
	pages	1-7 , as originally filed/furnished						
	pages*	received by this Authority on						
	pages*	received by this Authority on						
	a seque	ence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.						
3. 🔯		nendments have resulted in the cancellation of:						
		he description, pages						
		he claims, Nos. 2-4						
	H'	he drawings, sheets/figs						
	⊢ "	he sequence listing (specify):						
	a	ny table(s) related to sequence listing (specify):						
	(Rule 7	port has been established as if (some of) the amendments annexed to this report and listed below had not been since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box one description, pages						
	∐ ա	ne sequence listing (specify):						
	aı	ny table(s) related to sequence listing (specify):						
* If item 4 applies, some or all of those sheets may be marked "superseded."								

v.	Reasoned statement under Article 3 citations and explanations supporti	35(2) with regard to noving such statement	elty, inventive step or industrial applica	ability;
1.	Statement			
	Novelty (N)	Claims	1, 5-16	YES
		Claims		NO
	Inventive step (IS)	Claims	1, 5-16	YES
		Claims _		NO
	Industrial applicability (IA)	Claims	1, 5-16	YES
		Claims		NO NO

Citations and explanations

The invention set forth in claims 1 and 5 to 16 is not disclosed in any of the documents cited in the international search report, and would not be obvious to a person skilled in the art.